| L Number | Hits      | Search Text   | DB                             | Time stamp                         |
|----------|-----------|---|--------------------------------|------------------------------------|
| 1        | 1         | 5796435.pn.   | USPAT                          | 2004/09/29 10:59                   |
| 2        | 7         | 5796435.URPN.   | USPAT                          | 2004/09/29 11:03                   |
| 3        | 8         | ("5046121"   "5063608"   "5107345"   "5196933"   "5227877"  <br>"5440345"   "5473380"   "5510840").PN.  | USPAT                          | 2004/09/29 11:05                   |
| 4        | 33        | (US-5822461-\$ or US-5745178-\$ or US-5739865-\$ or US-6449395-\$ or US-5905578-\$ or US-5822463-\$ or US-5412484-\$ or US-5708509-\$ or  | USPAT;<br>US-PGPUB;            | 2004/09/29 13:40                   |
|          |           | US-5654760-\$ or US-5737448-\$ or US-5959675-\$ or US-5489944-\$ or US-5089888-\$ or US-5289289-\$ or US-5841377-\$ or US-6256413-\$ or US-4922273-\$ or US-5790195-\$ or US-5696558-\$ or US-5337087-\$ or US-4807298-\$ or US-6687412-\$ or US-6314208-\$ or US-5995237-\$ or US-5999218-\$ or US-5432615-\$).did. or (US-5303058-\$ or US-5025482-\$ or US-5796435-\$).did. or (US-20030016878-\$ or US-20020131647-\$).did. or (JP-10191343-\$ or JP-07147679-\$).did.  | JPO                            |                                    |
| 5        | 4         | ((US-5822461-\$ or US-5745178-\$ or US-5739865-\$ or US-6449395-\$ or US-5905578-\$ or US-5822463-\$ or US-5412484-\$ or US-5708509-\$ or US-5654760-\$ or US-5737448-\$ or US-5959675-\$ or US-5489944-\$ or US-5089888-\$ or US-5289289-\$ or US-5841377-\$ or US-6256413-\$ or US-4922273-\$ or US-5790195-\$ or US-586558-\$ or US-5337087-\$ or US-4807298-\$ or US-6687412-\$ or US-6314208-\$ or US-5995237-\$ or US-5999218-\$ or US-5432615-\$).did. or (US-5303058-\$ or US-5025482-\$ or US-5796435-\$).did. or (US-20030016878-\$ or US-20020131647-\$).did. or (JP-10191343-\$ or JP-07147679-\$).did.) and shift\$3 | USPAT;<br>US-PGPUB             | 2004/09/29 13:49                   |
| 6<br>7   | 4 )<br>96 | 382/\$.ccls. and quantiz\$6 near6 bit\$1 near6 shif\$3 same power\$1 382/\$.ccls. and quantiz\$6 near6 bit\$1 near6 shif\$3   | USPAT;<br>US-PGPUB<br>USPAT;   | 2004/09/29 13:44                   |
| 8        | 4         | ((US-5822461-\$ or US-5745178-\$ or US-5739865-\$ or US-6449395-\$  | US-PGPUB<br>USPAT;             | 2004/09/29 13:49                   |
|          |           | or US-5905578-\$ or US-5822463-\$ or US-5412484-\$ or US-5708509-\$ or US-5654760-\$ or US-5737448-\$ or US-5959675-\$ or US-5489944-\$ or US-5089888-\$ or US-5289289-\$ or US-5841377-\$ or US-6256413-\$ or US-4922273-\$ or US-5790195-\$ or US-586558-\$ or US-5337087-\$ or US-4807298-\$ or US-6687412-\$ or US-6314208-\$ or US-5995237-\$ or US-5999218-\$ or US-5432615-\$).did. or (US-5303058-\$ or US-5025482-\$ or US-5796435-\$).did. or (US-20030016878-\$ or US-20020131647-\$).did. or (JP-10191343-\$ or JP-07147679-\$).did.) and truncat\$6  | US-PGPUB                       |                                    |
| 9        | 35        | 382/\$.ccls. and quantiz\$6 with divi\$7 with truncat\$6  | USPAT;<br>US-PGPUB             | 2004/09/29 15:0                    |
| 10       | 1         | 20040066878.pn.   | USPAT;<br>US-PGPUB             | 2004/09/29 15:0                    |
| -        | 1         | ("20030016878").PN.   | USPAT;<br>US-PGPUB             | 2004/09/29 10:5                    |
| -        | 1         | "07147679"<br>"10191343"  | JPO                            | 2004/09/08 14:4                    |
| -        | 1<br>513  | 382/251.ccls.   | JPO<br>USPAT;<br>US-PGPUB      | 2004/09/08 14:5<br>2004/09/15 15:3 |
| -        | 435       | 382/270.ccls.   | USPAT;<br>US-PGPUB             | 2004/09/08 14:5                    |
| -        | 71        | 382/251.ccls. and "mpeg-2"  | USPAT;<br>US-PGPUB             | 2004/09/08 15:0                    |
| -        | 68        | 382/251.ccls. and (first adj quanti\$7) and (second adj quanti\$7)  | USPAT;<br>US-PGPUB             | 2004/09/09 11:0                    |
| -        | 4         | 382/270.ccls. and (first adj quanti\$7) and (second adj quanti\$7)  | USPAT;<br>US-PGPUB             | 2004/09/09 10:5                    |
| -        | 6         | ("4920426"   "5027214"   "5073820"   "5263100"   "5289289"  <br>"5412484").PN.  | USPAT                          | 2004/09/09 10:5                    |
| -        | 4         | 5822463.URPN.   | USPAT                          | 2004/09/09 10:5                    |
| -        | 41        | yokose-taro.in.   | USPAT;                         | 2004/09/09 11:0                    |
| -        | 68        | 382/251.ccls. and (first adj quanti\$7) and (second adj quanti\$7)  | US-PGPUB<br>USPAT;<br>US-PGPUB | 2004/09/21 10:4                    |
| -        | 445       | 382/251.ccls. not (382/251.ccls. and (first adj quanti\$7) and (second adj quanti\$7))  | USPAT;<br>US-PGPUB             | 2004/09/09 11:0                    |

| -   | 1480 | 382/232.ccls.  | USPAT;    | 2004/09/15 15:43 |
|-----|------|--|-----------|------------------|
|     |      |  | US-PGPUB  |                  |
|     | 39   | 382/232.ccls. and quanti?ers   | USPAT;    | 2004/09/15 15:40 |
|     | 37   | Sozizozionis. una quantitionis   | US-PGPUB  | 2004/05/15 15.40 |
|     | 5757 | 382/232-253.ccls.  | USPAT;    | 2004/09/15 15:43 |
| -   | 3/3/ | 382/232-233.0CIS.  |           | 2004/09/13 13:43 |
|     | 1    | 202/222 252 1 2 1 2 1 2 1 2 1 2 1 2 2 1 2 2 1 2 2 1 2  | US-PGPUB  | 2004/00/15 15 42 |
| -   | 188  | 382/232-253.ccls. and code adj amount  | USPAT;    | 2004/09/15 15:43 |
| •   |      |  | US-PGPUB  | <b> </b>         |
| -   | 157  | (382/232-253.ccls. and code adj amount) and quanti?ation   | USPAT;    | 2004/09/15 16:24 |
|     |      |  | US-PGPUB  |                  |
| -   | 859  | 382/232-253.ccls. and (quanti?er quanti?ation) near6 (store storage  | USPAT;    | 2004/09/17 10:22 |
|     |      | memory frame buffer)   | US-PGPUB  |                  |
| i - | 189  | 382/232-253.ccls. and (quanti?er quanti?ation) near6 (store storage  | USPAT;    | 2004/09/15 16:44 |
|     |      | memory frame buffer) same code   | US-PGPUB  |                  |
| l - | 29   | 382/\$.ccls. and (quanti?er quanti?ation) near6 (store storage memory  | USPAT;    | 2004/09/15 16:45 |
|     |      | frame buffer) same code not (382/232-253.ccls. and (quanti?er  | US-PGPUB  |                  |
|     |      | quanti?ation) near6 (store storage memory frame buffer) same code)   | 0010102   |                  |
| _   | 169  | 382/232-253.ccls. and (quanti?er) near4 (storage memory buffer)  | USPAT;    | 2004/09/17 10:34 |
| -   | 109  | 302/232-233.ccis. and (quanti:ci) near4 (storage memory buffer)  | US-PGPUB  | 2004/03/17 10.54 |
|     | 260  | (0.45/555 - 1 - 200/1/2/1200/020 0521240/14 12 - 1   |           | 2004/00/15 10 26 |
| -   | 268  | (345/555.ccls. or 382/166.ccls. or 382/232-253.ccls. or 348/14.13.ccls. or   | USPAT;    | 2004/09/17 10:36 |
|     |      | 348/384.1-440.1.ccls. or 348/608.ccls. or 348/642.ccls. or 348/699.ccls.   | US-PGPUB  |                  |
|     |      | or 348/700.ccls. or 358/1.15.ccls. or 358/426.01-426.16.ccls. or   |           |                  |
|     |      | 358/470.ccls. or 358/539.ccls. or 375/240-254.ccls. or 386/27.ccls. or   |           |                  |
|     |      | 386/33.ccls. or 386/101.ccls. or 386/109.ccls. or 386/110-112.ccls. or   |           |                  |
|     |      | 707/101.ccls. or 708/203.ccls. or 708/497.ccls. or 708/551.ccls. or  |           |                  |
|     |      | 709/247.ccls. or 710/68.ccls.) and (quanti?ation near3 scale\$1) and   |           |                  |
|     |      | (quanti?ation near3 (matrix matrices))   |           |                  |
| -   | 151  | (345/555.ccls. or 382/166.ccls. or 382/232-253.ccls. or 348/14.13.ccls. or   | USPAT;    | 2004/09/17 10:49 |
|     |      | 348/384.1-440.1.ccls. or 348/608.ccls. or 348/642.ccls. or 348/699.ccls.   | US-PGPUB  |                  |
|     |      | or 348/700.ccls. or 358/1.15.ccls. or 358/426.01-426.16.ccls. or   | ·         |                  |
|     |      | 358/470.ccls. or 358/539.ccls. or 375/240-254.ccls. or 386/27.ccls. or   |           |                  |
| 1   |      | 386/33.ccls. or 386/101.ccls. or 386/109.ccls. or 386/110-112.ccls. or   |           |                  |
|     |      | 707/101.ccls. or 708/203.ccls. or 708/497.ccls. or 708/551.ccls. or  |           |                  |
| 1   |      | 709/247.ccls. or 710/68.ccls.) and (quanti?ation near3 scale\$1) and   |           |                  |
|     |      | (quanti?ation near3 (matrix matrices)) and (quanti?er quanti?ation) near6  |           |                  |
| 1   |      |  |           |                  |
|     | 24   | (storage memory buffer)  | I IOD A T | 2004/00/12 11 04 |
| -   | 34   |  | USPAT;    | 2004/09/17 11:04 |
| İ   |      | 348/384.1-440.1.ccls. or 348/608.ccls. or 348/642.ccls. or 348/699.ccls.   | US-PGPUB  |                  |
|     |      | or 348/700.ccls. or 358/1.15.ccls. or 358/426.01-426.16.ccls. or   |           |                  |
|     |      | 358/470.ccls. or 358/539.ccls. or 375/240-254.ccls. or 386/27.ccls. or   |           |                  |
|     |      | 386/33.ccls. or 386/101.ccls. or 386/109.ccls. or 386/110-112.ccls. or   |           |                  |
|     |      | 707/101.ccls. or 708/203.ccls. or 708/497.ccls. or 708/551.ccls. or  |           |                  |
|     |      | 709/247.ccls. or 710/68.ccls.) and ((first adj2 (quanti?ation quanti?er\$1))   |           |                  |
|     |      | and (second adj2 (quanti?ation quanti?er\$1))) near9 (storage memory   |           |                  |
|     |      | buffer)  |           |                  |
| -   | 16   | ((first adj2 (quanti?ation quanti?er\$1)) and (second adj2 (quanti?ation   | USPAT;    | 2004/09/17 11:02 |
|     |      | quanti?er\$1))) near9 (storage memory buffer) not ((345/555.ccls. or   | US-PGPUB  |                  |
|     |      | 382/166.ccls. or 382/232-253.ccls. or 348/14.13.ccls. or   |           |                  |
|     |      | 348/384.1-440.1.ccls. or 348/608.ccls. or 348/642.ccls. or 348/699.ccls.   |           |                  |
|     |      | or 348/700.ccls. or 358/1.15.ccls. or 358/426.01-426.16.ccls. or   |           |                  |
|     |      | 358/470.ccls. or 358/539.ccls. or 375/240-254.ccls. or 386/27.ccls. or   |           |                  |
|     |      | 386/33.ccls. or 386/101.ccls. or 386/109.ccls. or 386/110-112.ccls. or   |           |                  |
|     |      | 707/101.ccls. or 708/203.ccls. or 708/497.ccls. or 708/551.ccls. or  |           |                  |
|     | ]    | 709/247.ccls. or 706/203.ccls. or 706/497.ccls. or 708/331.ccls. or 709/247.ccls. or 710/68.ccls.) and ((first adj2 (quanti?ation quanti?er\$1)) |           | •                |
|     |      |  |           |                  |
|     |      | and (second adj2 (quanti?ation quanti?er\$1))) near9 (storage memory   |           |                  |
|     | l    | buffer))   | L         |                  |

|             | 26  | (345/555.ccls. or 382/166.ccls. or 382/232-253.ccls. or 348/14.13.ccls. or   | USPAT;   | 2004/09/17 11:10 |
|-------------|-----|--|----------|------------------|
|             |     | 348/384.1-440.1.ccls. or 348/608.ccls. or 348/642.ccls. or 348/699.ccls.   | US-PGPUB |                  |
|             |     | or 348/700.ccls. or 358/1.15.ccls. or 358/426.01-426.16.ccls. or   |          |                  |
|             |     | 358/470.ccls. or 358/539.ccls. or 375/240-254.ccls. or 386/27.ccls. or   |          |                  |
|             |     | 386/33.ccls. or 386/101.ccls. or 386/109.ccls. or 386/110-112.ccls. or   |          |                  |
|             |     | 707/101.ccls. or 708/203.ccls. or 708/497.ccls. or 708/551.ccls. or  |          |                  |
|             |     | 709/247.ccls. or 710/68.ccls.) and ((first adj2 (quanti?ation quanti?er\$1))   |          |                  |
|             |     | and (second adj2 (quanti?ation quanti?er\$1))) same (storage memory  |          |                  |
|             |     |  |          |                  |
|             |     | buffer) same (control\$4 bitrate target (code adj amount)) not   |          |                  |
|             |     | ((345/555.ccls. or 382/166.ccls. or 382/232-253.ccls. or 348/14.13.ccls.   |          |                  |
|             |     | or 348/384.1-440.1.ccls. or 348/608.ccls. or 348/642.ccls. or  |          |                  |
|             |     | 348/699.ccls. or 348/700.ccls. or 358/1.15.ccls. or  | -        |                  |
|             |     | 358/426.01-426.16.ccls. or 358/470.ccls. or 358/539.ccls. or   |          |                  |
|             |     | 375/240-254.ccls. or 386/27.ccls. or 386/33.ccls. or 386/101.ccls. or  |          |                  |
|             |     | 386/109.ccls. or 386/110-112.ccls. or 707/101.ccls. or 708/203.ccls. or  |          |                  |
|             |     | 708/497.ccls. or 708/551.ccls. or 709/247.ccls. or 710/68.ccls.) and ((first   |          |                  |
|             |     | adj2 (quanti?ation quanti?er\$1)) and (second adj2 (quanti?ation   |          |                  |
|             |     | quanti?er\$1))) near9 (storage memory buffer))   |          |                  |
| _           | 43  | (345/555.ccls. or 382/166.ccls. or 382/232-253.ccls. or 348/14.13.ccls. or   | USPAT;   | 2004/09/17 11:21 |
|             |     | 348/384.1-440.1.ccls. or 348/608.ccls. or 348/642.ccls. or 348/699.ccls.   | US-PGPUB |                  |
|             |     | or 348/700.ccls. or 358/1.15.ccls. or 358/426.01-426.16.ccls. or   |          |                  |
|             |     | 358/470.ccls. or 358/539.ccls. or 375/240-254.ccls. or 386/27.ccls. or   |          |                  |
| 1           |     | 386/33.ccls. or 386/101.ccls. or 386/109.ccls. or 386/110-112.ccls. or   |          |                  |
|             |     | 707/101.ccls. or 708/203.ccls. or 708/497.ccls. or 708/551.ccls. or  |          |                  |
|             |     |  |          |                  |
|             |     | 709/247.ccls. or 710/68.ccls.) and ((first adj2 (quanti?ation quanti?er\$1))   |          |                  |
|             |     | and (second adj2 (quanti?ation quanti?er\$1))) same (storage memory  |          |                  |
|             |     | buffer) not (((345/555.ccls. or 382/166.ccls. or 382/232-253.ccls. or  |          |                  |
|             |     | 348/14.13.ccls. or 348/384.1-440.1.ccls. or 348/608.ccls. or 348/642.ccls.   |          |                  |
|             |     | or 348/699.ccls. or 348/700.ccls. or 358/1.15.ccls. or   |          |                  |
|             |     | 358/426.01-426.16.ccls. or 358/470.ccls. or 358/539.ccls. or   |          |                  |
|             |     | 375/240-254.ccls. or 386/27.ccls. or 386/33.ccls. or 386/101.ccls. or  |          |                  |
|             |     | 386/109.ccls. or 386/110-112.ccls. or 707/101.ccls. or 708/203.ccls. or  |          |                  |
|             |     | 708/497.ccls. or 708/551.ccls. or 709/247.ccls. or 710/68.ccls.) and ((first   |          | .                |
|             |     | adj2 (quanti?ation quanti?er\$1)) and (second adj2 (quanti?ation   |          |                  |
|             |     | quanti?er\$1))) near9 (storage memory buffer)) ((345/555.ccls. or  |          |                  |
|             |     | 382/166.ccls. or 382/232-253.ccls. or 348/14.13.ccls. or   |          |                  |
|             |     | 348/384.1-440.1.ccls. or 348/608.ccls. or 348/642.ccls. or 348/699.ccls.   |          |                  |
| 1           | •   | or 348/700.ccls. or 358/1.15.ccls. or 358/426.01-426.16.ccls. or   |          |                  |
|             |     | 358/470.ccls. or 358/539.ccls. or 375/240-254.ccls. or 386/27.ccls. or   |          |                  |
|             |     | 386/33.ccls. or 386/101.ccls. or 386/109.ccls. or 386/110-112.ccls. or   |          |                  |
|             |     | 707/101.ccls. or 708/203.ccls. or 708/497.ccls. or 708/551.ccls. or  |          |                  |
|             |     |  |          |                  |
|             |     | 709/247.ccls. or 710/68.ccls.) and ((first adj2 (quanti?ation quanti?er\$1)) and (second adj2 (quanti?ation quanti?er\$1))) same (storage memory |          |                  |
|             |     |  |          |                  |
|             |     | buffer) same (control\$4 bitrate target (code adj amount)) not   |          |                  |
|             |     | ((345/555.ccls. or 382/166.ccls. or 382/232-253.ccls. or 348/14.13.ccls.   |          |                  |
|             |     | or 348/384.1-440.1.ccls. or 348/608.ccls. or 348/642.ccls. or  |          |                  |
|             |     | 348/699.ccls. or 348/700.ccls. or 358/1.15.ccls. or  |          |                  |
|             | ĺ   | 358/426.01-426.16.ccls. or 358/470.ccls. or 358/539.ccls. or   |          |                  |
|             |     | 375/240-254.ccls. or 386/27.ccls. or 386/33.ccls. or 386/101.ccls. or  |          |                  |
|             |     | 386/109.ccls. or 386/110-112.ccls. or 707/101.ccls. or 708/203.ccls. or  |          |                  |
| i           |     | 708/497.ccls. or 708/551.ccls. or 709/247.ccls. or 710/68.ccls.) and ((first   |          |                  |
|             |     | adj2 (quanti?ation quanti?er\$1)) and (second adj2 (quanti?ation   |          |                  |
|             |     | quanti?er\$1))) near9 (storage memory buffer))))   |          |                  |
|             | 13  | (first adj2 (quanti?ation quanti?er\$1)) adj9 (storage memory buffer) adj9   | USPAT;   | 2004/09/17 11:22 |
|             |     | (second adj2 (quanti?ation quanti?er\$1))  | US-PGPUB |                  |
| _           | 6   | ("4394774"   "4698689"   "4734767"   "4748511"   "4797653"   | USPAT    | 2004/09/17 13:59 |
|             | "   | "4797945").PN.   | JULAI    | 2007/09/17 13.39 |
| _           | 45  | 4922273.URPN.  | USPAT    | 2004/09/17 13:59 |
| -           |     |  |          | · 1              |
| -           | 6   | ("5089889"   "5267037"   "5283656"   "5285279"   "5367335"   | USPAT    | 2004/09/17 14:03 |
|             |     | "5579051").PN.   | 1105 : = |                  |
| -           | 35  | 5790195.URPN.  | USPAT    | 2004/09/17 14:04 |
|             | - ' | : /"/Y////AKY" "5 2627 " "5721/07" "5215670" "66/2025"\ DNI  | USPAT    | 2004/09/17 14:07 |
| -           | 5   | ("4843468"   "5136371"   "5231487"   "5315670"   "5543935").PN.  |          |                  |
| -<br>-      | 7   | 5737448.URPN.  | USPAT    | 2004/09/17 14:07 |
| -<br>-<br>- |     |  |          |                  |

| - | 14  | ("4386366"   "4920426"   "4922273"   "4939583"   "4982284"              | USPAT    | 2004/09/17 14:12 |
|---|-----|---|----------|------------------|
|   |     | "4984076"   "5014198"   "5025482"   "5054103"   "5073820"   "5073821"   |          |                  |
|   |     | "5121705"   "5146324"   "5524071").PN.                                  |          |                  |
|   | 4   | 5696558.URPN.   | USPAT    | 2004/09/17 14:13 |
|   | 34  | 382/\$.ccls. and MPEG\$5 and (voice audio) adj2 channel                 | USPAT;   | 2004/09/20 12:30 |
|   |     |   | US-PGPUB |                  |
| - | 186 | 382/\$.ccls. and MPEG\$5 and (voice audio) same multiplex\$5            | USPAT;   | 2004/09/20 12:30 |
|   |     |   | US-PGPUB |                  |
| - | 79  | 382/\$.ccls. and MPEG\$5 and (voice audio) same multiplex\$5 and        | USPAT;   | 2004/09/20 12:34 |
|   | ,   | (motion near6 compensation)   | US-PGPUB |                  |
|   | 22  | 382/\$.ccls. and MPEG\$5 and (audio) and multiplex\$5 and (motion near6 | USPAT;   | 2004/09/20 12:41 |
|   |     | compensation) and (a adj d)   | US-PGPUB | 1                |
|   | 5   | ("5544266"   "5831688"   "6163573"   "6226328"   "6229849").PN.         | USPAT    | 2004/09/20 12:39 |
| • | 77  | 382/\$.ccls. and MPEG\$5 and (motion near6 compensation) and (a adj d)  | USPAT;   | 2004/09/20 12:42 |
|   | ·   |   | US-PGPUB |                  |
|   | 7   | 5289289.URPN.   | USPAT    | 2004/09/20 13:04 |
|   | 3   | ("4704628"   "4933763"   "5126962").PN.                                 | USPAT    | 2004/09/20 13:05 |
| • | 51  | 5337087.URPN.   | USPAT    | 2004/09/20 15:12 |
| • | 4   | ("4517596"   "4922273"   "4972260"   "5047852").PN.                     | USPAT    | 2004/09/20 15:17 |
|   | 26  | 382/\$.ccls. and (prequanti?ation prequnti?er\$1 (pre adj (quanti?er\$1 | USPAT;   | 2004/09/20 15:19 |
|   |     | quanti?ation)))   | US-PGPUB |                  |
| • | 28  | 382/232-253.ccls. and (first adj quanti?er) and (second adj quanti?er)  | USPAT;   | 2004/09/21 10:47 |
|   |     |   | US-PGPUB |                  |
| - | 83  | 382/232-253.ccls. and hitachi.as.                                       | USPAT;   | 2004/09/21 10:47 |
|   |     |   | US-PGPUB |                  |
| - | 29  | 382/232-253.ccls. and hitachi.as. and (quanti?er\$1 quanti?ation)       | USPAT;   | 2004/09/21 10:48 |
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